

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"4373444".pn.	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/23 10:44
S1	189	impress\$4 near2 (roll\$4 or cylinder) plate near2 cylinder anilox near1 roll\$4 doctor near1 (blade or roll\$4)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2008/11/18 17:46
S3	1	"10537099"	US-PGPUB; USPAT; EPO; JPO	AND	ON	2008/11/18 17:55
S4	1	"6,412,409".pn.	US-PGPUB; USPAT; EPO; JPO	AND	ON	2008/11/21 15:58
S5	1	relative near2 (move\$4 or moving) with plate near2 cylinder with anilox near2 cylinder	US-PGPUB; USPAT; EPO; JPO	AND	ON	2008/11/21 17:28
S6	1035	b41f013/24.ipc.	US-PGPUB; USPAT; EPO; JPO	AND	ON	2008/11/21 17:40
S7	119	b41f013/34.ipc.	US-PGPUB; USPAT; EPO; JPO	AND	ON	2008/11/21 17:40
S8	240	101/150.ccls.	US-PGPUB; USPAT; EPO; JPO	AND	ON	2008/11/21 17:45
S9	466	101/157.ccls.	US-PGPUB; USPAT; EPO; JPO	AND	ON	2008/11/21 17:45
S10	130	101/154.ccls.	US-PGPUB; USPAT; EPO; JPO	AND	ON	2008/11/21 17:45
S11	358	101/153.ccls.	US-PGPUB; USPAT; EPO; JPO	AND	ON	2008/11/21 17:45
S12	16	101/191.ccls.	US-PGPUB; USPAT; EPO; JPO	AND	ON	2008/11/21 17:46

S13	10	(celled or meter\$3 or furrow \$2 or screen near2 roll\$4 or mesh near2 roll\$4 or gravure or intaglio) with plate\$4 near2 cylinder with (relative \$4 or independent\$4) near3 (moving or movable or movement or move\$4)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2008/11/21 17:49
S14	1257	S7 or S8 or S9 or S10 or S11 or S12	US-PGPUB; USPAT; EPO; JPO	AND	ON	2008/11/21 18:02
S15	61	(celled or meter\$3 or furrow \$2 or screen near2 roll\$4 or mesh near2 roll\$4 or gravure or intaglio) S14 plate near2 cylinder impress\$4 near2 cylinder	US-PGPUB; USPAT; EPO; JPO	AND	ON	2008/11/21 18:02
S16	4304	frame with cylinder with relativ\$4 with (movable or mov\$4 or position\$4)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2008/11/23 18:28
S17	103	frame with cylinder with relativ\$4 with (movable or mov\$4 or position\$4) plate near2 cylinder impress\$4 near2 cylinder	US-PGPUB; USPAT; EPO; JPO	AND	ON	2008/11/23 18:28
S18	10	"6041709"	US-PGPUB; USPAT; EPO; JPO	AND	ON	2008/11/24 12:30
S19	1201	101/216.ccls.	US-PGPUB; USPAT; EPO; JPO	AND	ON	2009/07/21 12:11
S20	2750	(moving or move or movable) near2 (frame or carriag\$4 or assembly) "101". clas.	US-PGPUB; USPAT; EPO; JPO	AND	ON	2009/07/21 12:11
S21	113	S19 S20	US-PGPUB; USPAT; EPO; JPO	AND	ON	2009/07/21 12:11
S22	1331	(detach\$4 or remov\$4 or move or moving or moveable) with (anilox or doctor) near2 roll\$4	US-PGPUB; USPAT; EPO; JPO	AND	ON	2009/07/21 12:43
S23	892	(detach\$4 or remov\$4 or move or moving or moveable) with (anilox or doctor) near2 roll\$4 print\$4	US-PGPUB; USPAT; EPO; JPO	AND	ON	2009/07/21 12:43
S24	654	(detach\$4 or remov\$4 or move or moving or moveable) with (anilox or doctor) near2 roll\$4 print\$4 @ad<="20031202"	US-PGPUB; USPAT; EPO; JPO	AND	ON	2009/07/21 12:43

S25	86	(detach\$4 or remov\$4 or move or moving or moveable) with (anilox or doctor) near2 roll\$4 print\$4 @ad<="20031202" plate near2 cylinder with (detach \$4 or remov\$4 or move or moving or moveable)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2009/07/21 12:43
S26	0	("2003/0061956").URPN.	USPAT	AND	ON	2009/07/21 14:42
S27	0	("2003/0061956").URPN.	USPAT	AND	ON	2009/07/21 14:42
S28	86	(detach\$4 or remov\$4 or move or moving or moveable) with (anilox or doctor) near2 roll\$4 @ad<="20031202" plate near2 cylinder with (detach \$4 or remov\$4 or move or moving or moveable)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2009/07/21 14:43
S29	11	("3613578" "4901641" "5088407" "5129319" "5490458" "5570634" "6186065" "6520082" "6530319" "6543356").PN. OR ("6655279").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/07/21 14:47
S30	1	"5,301,609".pn.	US-PGPUB; USPAT; EPO; JPO	AND	ON	2009/07/21 15:41
S31	15	(movable or moving or move or lift\$4) near2 frame with (print\$4 or plate) near2 cylinder with (anilox or doctor)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2009/07/21 15:49
S32	11	stop with anilox near2 roll\$4 with (print\$4 or plate) near2 cylinder	US-PGPUB; USPAT; EPO; JPO	AND	ON	2009/07/21 16:22
S33	1	stop near2 ring with stationary near2 shaft with (print or plate) near2 cylinder	US-PGPUB; USPAT; EPO; JPO	AND	ON	2009/07/21 17:51
S34	8	stop near2 ring with stationary near2 shaft	US-PGPUB; USPAT; EPO; JPO	AND	ON	2009/07/21 18:10
S35	14	stop near2 ring with (print\$4 or plate) near2 cylinder	US-PGPUB; USPAT; EPO; JPO	AND	ON	2009/07/21 18:13
S36	94	(plate or print\$4) near2 cylinder with (support\$4 or fix \$4 or fixation or rod or piston) with hook	US-PGPUB; USPAT; EPO; JPO	AND	ON	2009/07/21 18:37

S37	1	"4878427".pn.	US-PGPUB; USPAT; EPO; JPO	AND	ON	2009/07/21 18:52
S38	1	"4,879,950".pn.	US-PGPUB; USPAT; EPO; JPO	AND	ON	2009/07/21 19:25
S39	1	"5988900".pn.	US-PGPUB; USPAT; EPO; JPO	AND	ON	2009/07/21 19:50
S40	5	display\$4 near2 position\$4 near2 print near2 head	US-PGPUB; USPAT; EPO; JPO	AND	ON	2009/07/22 14:08
S41	3	mount\$4 with (groove or guid \$4) with web near2 invert\$4	US-PGPUB; USPAT; EPO; JPO	AND	ON	2009/08/14 14:29
S42	8	mount\$4 with web near2 invert\$4 mount\$4 with (groove or guide)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2009/08/14 14:30
S43	1145	(mount\$4 or groove or guid \$4) with web near2 wind\$4	US-PGPUB; USPAT; EPO; JPO	AND	ON	2009/08/14 14:31
S44	28	(mount\$4 or groove or guid \$4) with web near2 wind\$4 "101".clas.	US-PGPUB; USPAT; EPO; JPO	AND	ON	2009/08/14 14:31
S45	24465	mount\$4 with laminat\$4	US-PGPUB; USPAT; EPO; JPO	AND	ON	2009/08/14 14:34
S46	138	mount\$4 with laminat\$4 "101".clas.	US-PGPUB; USPAT; EPO; JPO	AND	ON	2009/08/14 14:35
S47	2	mount\$4 with laminat\$4 near2 unit "101".clas.	US-PGPUB; USPAT; EPO; JPO	AND	ON	2009/08/14 14:36
S48	11761	web near2 wind\$4	US-PGPUB; USPAT; EPO; JPO	AND	ON	2009/08/14 14:36
S49	7	web near2 winder "101".clas.	US-PGPUB; USPAT; EPO; JPO	AND	ON	2009/08/14 14:36
S50	25	web near2 invert\$4 "101". clas.	US-PGPUB; USPAT; EPO; JPO	AND	ON	2009/08/14 14:37
S51	616	(rod or shaft or hook) with print\$4 near2 cylnder with (support\$4 or hold\$4 or bear \$4 or carry\$4)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/15 12:51
S52	190	hook same plate near2 cylinder same (hold\$4 or support\$4 or carry\$4)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/16 10:08

S53	8027	(adjust\$4 or mov\$4) with (print\$4 or forme or form) near2 cylinder	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/16 10:31
S54	325	(adjust\$4 or mov\$4) with (hook or arm) with (print\$4 or forme or form) near2 cylinder	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/16 10:32
S55	28	("2795188" "3168037" "3552311" "3691956" "3769909" "3911815" "4242958" "4244292" "4290360" "4385559" "4395947" "4429631" "4440081" "4455938" "4656940" "4838163" "4981077" "5158017" "5355796" "5375522" "5540145" "5551338" "5584243" "5676057" "5680816" "6095042").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/16 10:57
S56	9	"U" with hook same plate near2 cylinder	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/16 12:05
S57	46	plate near2 cylinder same lift \$4 near2 out	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/16 12:16
S58	7	(form\$1 or plate) near2 cylinder same (lift\$4 or chang \$4 or exchange\$4 or replac \$4) near5 cylinder same (small or short) near5 run	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/16 12:26
S59	10	("4878427").URPN.	USPAT	AND	ON	2010/03/16 12:31
S60	18	("3347159" "4017247" "4216739" "4413541" "4462202" "4759286" "4878427" "4903458" "5060570" "5109768" "5528986" "5906162" "6035615" "6038838" "6085495" "6085496" "6112498").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/16 12:35
S61	40	hook with support\$4 with (plate or form\$1) near2 cylinder	USPAT	AND	ON	2010/03/16 12:46
S62	134	adjust\$4 with arm with (plate or form\$1) near2 cylinder	USPAT	AND	ON	2010/03/16 12:49
S63	11	("3118623" "3207449" "3337143" "3759453" "4192472" "4351490" "4454994" "4571112").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/16 13:08

S64	1811	hook with (hydraul\$4 or pneumat\$4) with cylinder	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/16 13:09
S65	541	hook near5 (hydraul\$4 or pneumat\$4) near2 cylinder	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/16 13:10
S66	35	hook near5 (hydraul\$4 or pneumat\$4) near2 cylinder (print\$4 or form\$1) near2 cylinder	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/16 13:10
S67	10	pull\$4 same support\$4 with (plate or form\$1) near2 cylinder same (lift\$4 near2 out or easily\$4 near2 (remov \$4 or replac\$4))	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/16 13:31
S68	16	("3405633" "3564998" "3661282" "4456422" "4480540" "4889050" "5181471" "5193456" "5333720" "5337659" "5467864" "5730048" "5865114" "5970865" "6026743").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/16 13:36
S69	70	(fixation\$4 or receiv\$4) with hook with (print\$4 or plate or form\$1) near2 cylinder	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/16 13:39
S70	3	(antonie bovenkamp).in.	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/16 13:40
S71	31	(anilox or doctor) with frame with (adjust\$4 or mov\$4 or pivot\$4) (print\$4 or form\$1 or plate) near2 cylinder with (adjust\$4 or mov\$4 or pivot \$4) same (impression\$4 or counter) near2 cylinder	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/16 13:53
S72	9	(anilox or doctor) same (plate or form\$1) near2 cylinder same impression same pivot	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/16 14:01
S73	23	(anilox or doctor) same (plate or form\$1) near2 cylinder same impression same pivot\$4	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/16 14:01
S74	6	pivot\$4 with (frame or subframe) with (inking or anilox) near2 roll\$4 with (print\$4 or form\$1 or plate) near2 cylinder same (impression or counter) near2 (roll\$4 or cylinder)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/16 14:24

S75	6	pivot\$4 with (frame\$4 or subframe) same (anilox) same (form\$1 or plate) same impression	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/16 14:34
S76	7	("20040187718" "4481883" "5848570" "5983797" "6076462" "6557465" "6862988").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/16 14:35
S77	3	doctor same anilox same impression same (plate or form\$1) near2 cylinder (adjust\$4 or chang\$4) near2 (separat\$4 or spac\$4)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/16 15:18
S78	3	doctor same anilox same impression same (plate or form\$1) near2 cylinder same relative near2 position	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/16 15:18
S79	3	doctor same anilox same impression same (plate or form\$1) near2 cylinder same relative near2 position\$4	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/16 15:18
S80	22	anilox with pivot\$4 anilox with (plate or form\$1) near2 cylinder same (adjust\$4 or mov\$4 or pivot\$4)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/16 15:20
S81	126	101/217.ccls. pivot\$4	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/16 15:22
S82	2	101/217.ccls. pivot\$4 with anilox	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/16 15:34
S83	5	101/217.ccls. pivot\$4 with ink\$4 near2 roll\$4 (print\$4 or form\$1 or plate) near2 cylinder with pivot\$4	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/16 15:35
S84	147	pivot\$4 with ink\$4 near2 roll\$4 (print\$4 or form\$1 or plate) near2 cylinder with pivot\$4	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/16 15:37
S85	14	pivot\$4 with ink\$4 near2 roll\$4 (print\$4 or form\$1 or plate) near2 cylinder with pivot\$4 (pivot\$4 with ink\$4 near2 roll\$4 with together or (print\$4 or form\$1 or plate) near2 cylinder with pivot\$4 with together)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/16 15:38
S86	353	101/218.ccls.	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/22 12:35

S87	954	101/247.ccls.	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/22 13:52
S88	954	101/247.ccls.	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/22 13:52
S89	407	S88 @ad<="20040101"	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/22 13:52
S90	58	S88 @ad<="20040101" ink \$4 with pivot\$4	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/22 13:57
S91	30	interrupt\$4 with plate near2 cylinder adjust\$4 with (ink\$4 or anilox\$4) near2 roll\$4	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/22 14:05
S92	341	(101/218.ccls. or 101/247. ccls.) pivot\$4	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/22 14:07
S93	306	S92 @ad<="20040101"	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/22 14:07
S94	873	receiv\$4 near2 unit with curv \$4	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/22 14:27
S95	2	receiv\$4 near2 unit with curv \$4 same (ink\$4 or anilox\$4) near2 roll\$4	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/22 14:27
S96	0	equal\$4 near3 (spac\$4 or distanc\$4) same (plate and impression) near2 cylinder same (ink\$4 or anilox\$4) near2 roll\$4 same different near3 (diameter or radius or size)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/22 14:31
S97	4	(spac\$4 or distanc\$4) same (plate and impression) near2 cylinder same (ink\$4 or anilox \$4) near2 roll\$4 same different near3 (diameter or radius or size)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/22 14:31
S98	11	(spac\$4 or separat\$4) with plate near2 cylinder near5 (different\$4 or various or variable or vary\$4) near2 (width or diameter or size or radius)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/22 14:34
S99	726	(receiv\$4 near2 unit) "101". clas.	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/22 14:39

S100	192	(receiv\$4 near2 unit) plate near2 cylinder "101".clas.	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/22 14:39
S101	1	"5633676".pn.	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/22 15:00
S102	0	"11282711.p.n"	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/22 15:01
S103	1	"11282711".pn.	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/22 15:01
S104	3	"11282711"	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/22 15:02
S105	2	"11282771"	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/22 15:02
S106	61	shaft with plate near cylinder with ring	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/22 15:38
S107	1	equal\$4 near2 (spac\$4 or separat\$4 or gap) with print \$4 near2 cylinder same (chang\$4 or differ\$4 or vary \$4) near2 (width or diameter or radius or size)	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/22 15:41
S108	235	hook with plate near2 cylinder	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/22 15:43
S109	206	hook with plate near2 cylinder @ad<="20040101"	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/22 15:43
S110	178	hook with arm with (lift\$4 or carry\$4) with cylinder	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/22 15:48
S111	150	hook with arm with (lift\$4 or carry\$4) with cylinder @ad<="20040101"	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/22 15:48
S112	16	("3405633" "3564998" "3661282" "4456422" "4480540" "4889050" "5181471" "5193456" "5333720" "5337659" "5467864" "5730048" "5865114" "5970865" "6026743").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/22 15:50
S113	17	(S86 or S87) pivot\$4 varnish \$4 @ad<"20040101"	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/22 15:53

S114	1	"20070101880"	US-PGPUB; USPAT; EPO; JPO	AND	ON	2010/03/22 18:25
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